



Lightweight Maintenance Enclosure (LME)

Overview:

The current standard frame type maintenance tent fielded to Army units is both cumbersome and difficult to erect. As a result, the vast majority of tents remain in storage or are used as a permanent garrison motorpool bay never used for its intended purpose as a tactical covered maintenance facility. The **Lightweight Maintenance Enclosure (LME)** provides rapid deployed and forward maintenance elements added capability without sacrificing mobility/survivability due to its light weight and ease of erection/strike.

Description:

The LME is a frame supported lightweight shelter designed to provide units with a covered facility to conduct tactical maintenance operations. The LME is a modification of the Tent, Extendable, Modular, PERsonnel (TEMPER) where extensions are added to the tent frame to add the height needed for enclosure of tactical vehicles and equipment. The end walls have been modified with sliding fabric doors permitting total enclosure during conditions of extreme weather or blackout.

The LME has similar erect/strike procedures to the temper which may reduce the training requirements. The LME is 24 feet wide, 32 feet long, 15 feet high (at the center), weighs 60% less than the current maintenance tent, and erects/strikes in less than 45 minutes using 10 to 12 soldiers.

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